

Compost Use for Improved Soil

Slope Stabilization, Erosion Control and Storm Water Management

Application to 1:1 Rock Slope
2" compost mulch with native seed mix
Austin, TX - August



8 Months Later
Irrigation installed, never used



What is Compost?

An organic matter resource that has the unique ability to improve the chemical, physical, and biological characteristics of soils.



Compost and Wood Chip Applications:

- Preserve topsoil and prevent erosion
- Purify soil and water by managing nutrients, improving salinity, filtering storm water runoff, binding pollutants in soils and suppressing plant pathogens
- Restore soil and water quality by revitalizing wetlands and invigorating depleted lands
- Remediate soil resources by managing problem organics in contaminated soils.



Organic matter in “socks” along waterways prevents erosion of banks and keeps contaminants out of surface water.



Storm water is created when the soil's ability to absorb and retain rainfall is exceeded.



Sock should be filled with wood chips or coarse compost for best filtration.



Find your compost here: <http://compost.css.cornell.edu/maps.html>